



E. I. DU PONT DE NEMOURS & COMPANY  
INCORPORATED

WILMINGTON, DELAWARE 19898

ENGINEERING DEPARTMENT

March 9, 1976

J. R. HALL  
PIGMENTS DEPARTMENT  
NEWPORT PLANT

PIGMENTS - NEWPORT  
WASTE  
LANDFILL - GROUNDWATER INVESTIGATION

In reply to M. A. Apgar's 2/27/76 letter outlining objections and disagreements with the recently submitted report of groundwater conditions at the plant's landfill, and as agreed to in our 3/5/76 meeting, the following program for developing additional groundwater information is suggested:

- a) Install three additional monitor wells--one shallow and one deep on the north bank of the Christiana River and one deep on the south bank of the Christiana River across from the ones to be installed on the north bank.
- b) Take water samples from the Christiana River above the landfill adjacent to the landfill and downstream from the landfill. These samples will be analyzed to determine any influence of landfill leachates upon the river water quality.
- c) Water level readings on all monitor wells will be taken daily for an interim period until a mutually agreed upon measuring frequency is arrived at.
- d) Additional sampling of monitor wells for water quality analysis will be done.
- e) Monitor well DM-1 is recognized as not being adequately responsive to groundwater conditions. Additional development is required. If well cannot be properly completed, it will be plugged and a substitute well installed.
- f) Water level measuring line in well No. 13 will be modified to permit accurate measurement of pumping water levels.

cc: C. F. Wood - Pigments - Newport  
C. B. Everett - Legal - Wilmington  
R. R. Balmer  
A. C. Barlow  
H. J. Campbell, Jr.  
IC 13 - WR&PC

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March 9, 1976  
J. R. Hall

ORIGINAL

I have arranged for a meeting at Apgar's office Thursday, March 11, at 2:00 pm for the purpose of presenting proposals for additional monitoring of the landfill.

It is my understanding that you will develop a letter to the State outlining additional monitor well installation and Christiana River monitoring.

ENGINEERING SERVICE DIVISION

*Charles Sherman*

C. R. Sherman

CRS:kmt

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